Amendments to the Claims:
This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (cancelled)

2. (Previously Presented) The method as in claim 7, wherein the modulation path is selected from an In-phase (I) branch and a Quadrature (Q) branch.

3. (original) The method as in claim 2, wherein the first channel is a dedicated physical channel on an uplink in the wireless communication system.

4. (Previously Presented) The method as in claim 3, wherein the wireless communication system includes a plurality of dedicated data channels and at least one dedicated control channel.

5. (cancelled)

6. (cancelled)

7. (Previously Presented) In a wireless communication system, a method comprising:

determining a transmission configuration for a first channel as a function of Peak-to-Average Ratio (PAR) on the first channel, the transmission configuration including a spreading code and a modulation path;

if the spreading code is used by another channel in the wireless communication system, determining the next best optimum transmission configuration, based on a resultant PAR value; and

applying the next best optimum transmission configuration to the first channel.

8. (Previously Presented) A wireless communication apparatus, comprising:

means for determining a transmission configuration for a first channel as a function of Peak-to-Average Ratio (PAR) on the first channel, the transmission configuration including a spreading code and a modulation path;

means for determining the next best optimum transmission configuration, based on a resultant PAR value, if the spreading code is used by another channel in the wireless communication system; and

means for applying the next best transmission configuration to the first channel.

9. (Previously Presented) A wireless apparatus, comprising:

a first transmission pair selection unit for determining a transmission configuration for a first channel as a function of Peak-to-Average Ratio (PAR) on the first channel, the transmission configuration including a spreading code and a modulation path;

a determination unit for determining whether the spreading code is in use on another channel; and

a second transmission pair selection unit for determining the next best optimum transmission configuration, based on a resultant PAR value, if the spreading code is used by another channel in the wireless communication system.